Marger Johnson & McCollom, P.C.
1030 SW Morrison Street
Portland, OR 97205
503-222-3613

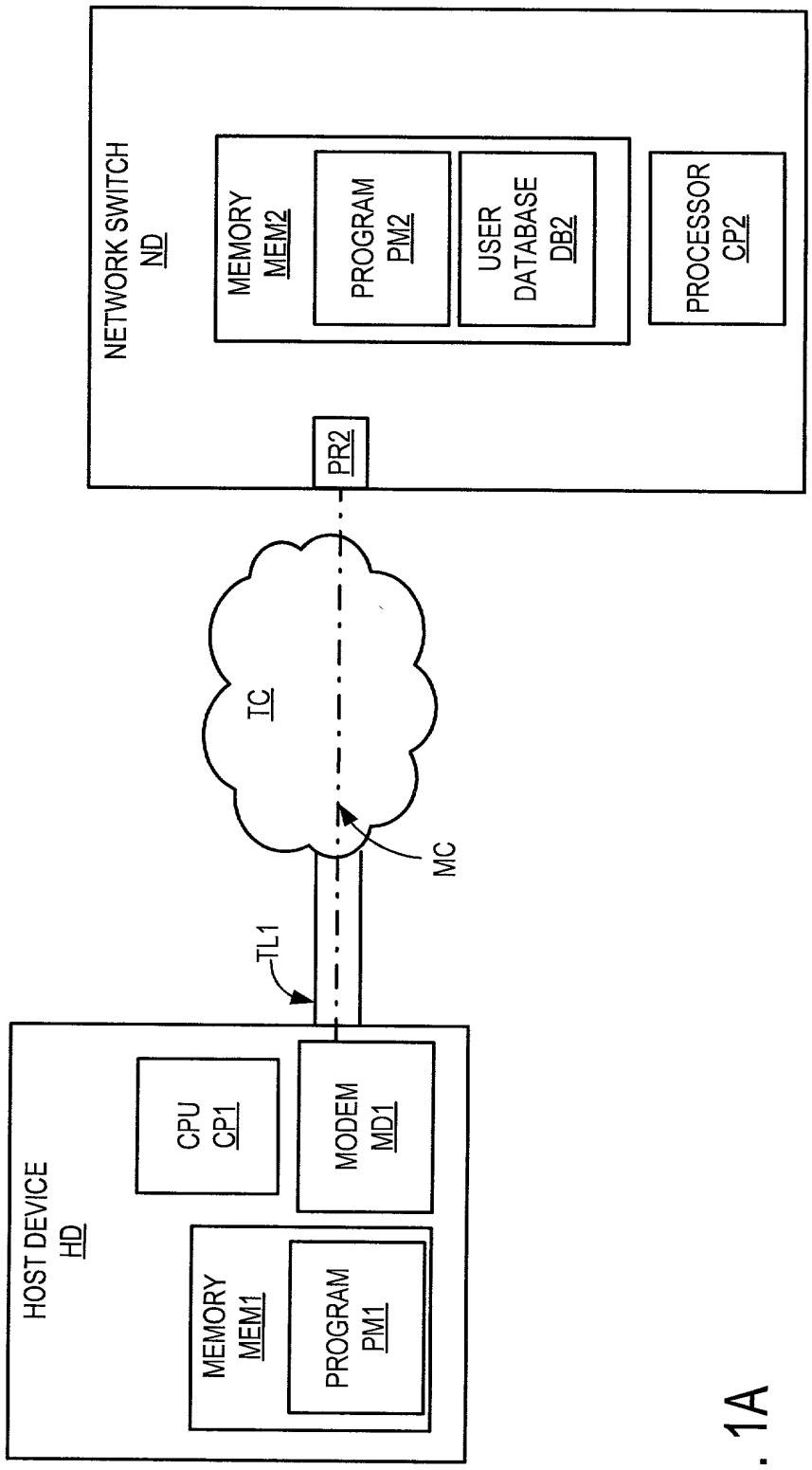

FIG. 1A

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USER DATABASE	DB2
USER NAME	LOG-IN SESSION TIMEOUT TIME LIMIT (SEC)
USER1	120
USER2	240
USER3	60
...	...

FIG. 1B

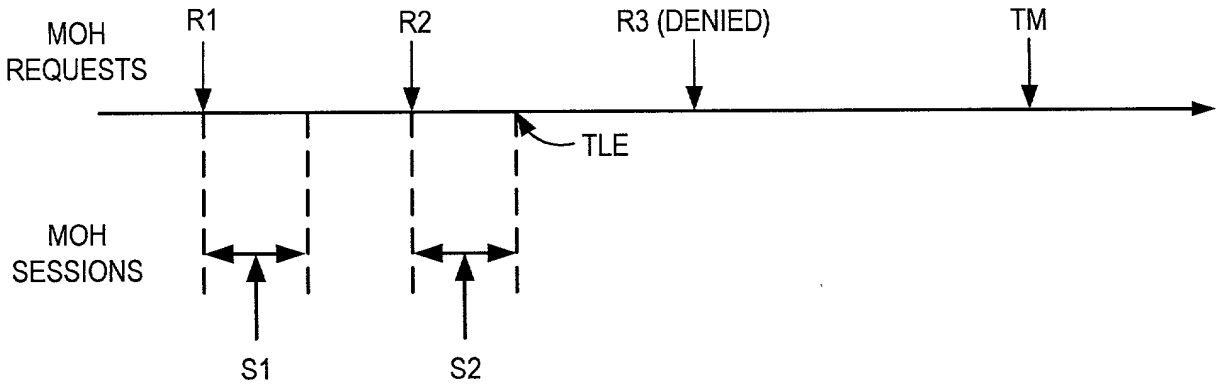

FIG. 1C

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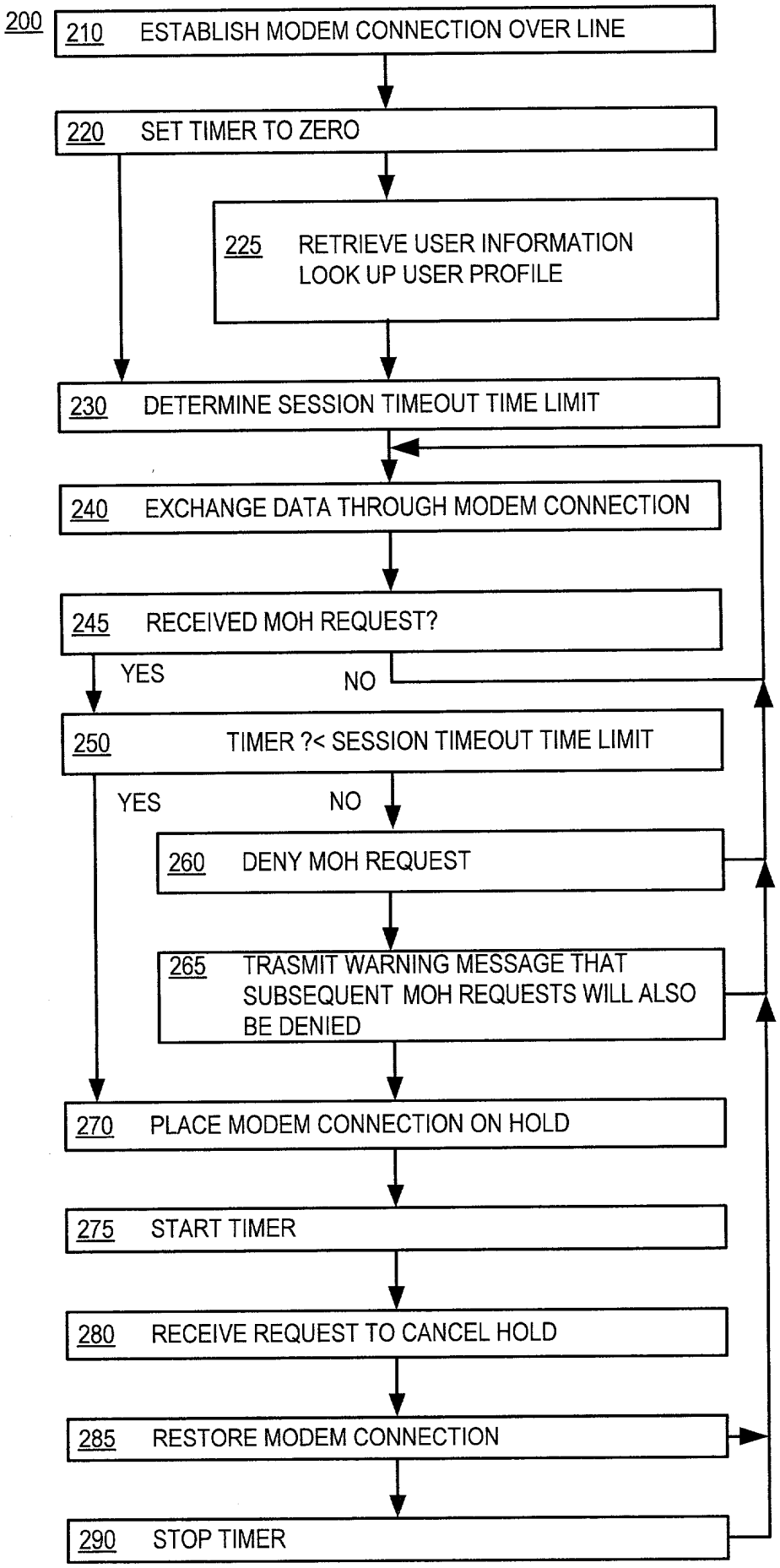

FIG. 2

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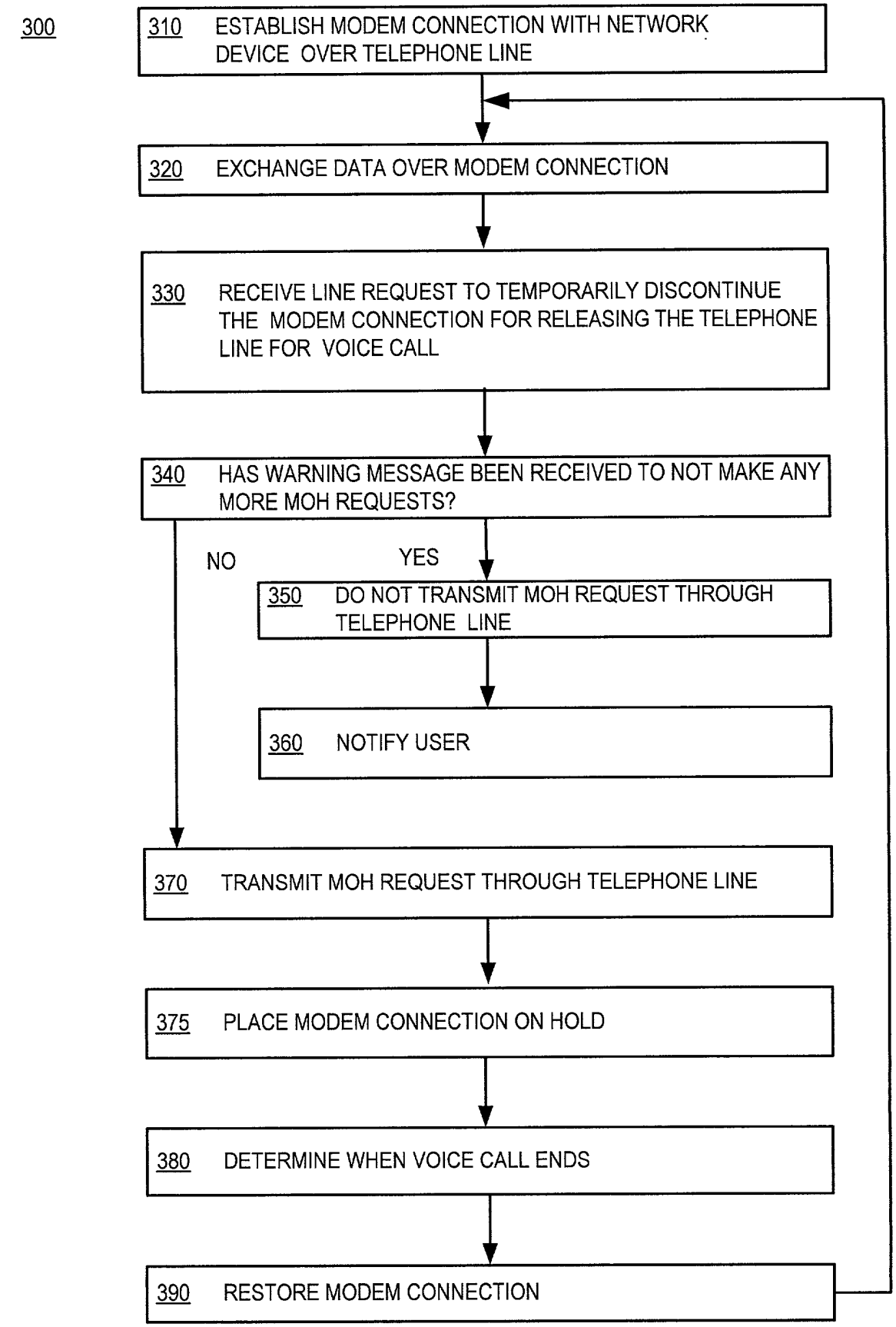

FIG. 3

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MH bits LSB:MSB			
0:3	Fill bits: 1111		
4:11	Frame sync: 01110010, where the left-most bit is first in time		
12:15	Signal indication bits:		
	0011	Mhreq	Request remote modem to go on-hold
	0101	Mhack	Indicate agreement to go on hold and timeout
	0111	Mhnack	Deny on-hold, request cleardown or fast reconnect
	1001	MHclrd	Request cleardown
	1011	Mhcda	Acknowledge cleardown
	1101	MHfrr	Request fast reconnect
16:19	Information bits: For signals Mhreq, ~~Mhnack~~, MHcda and MHfrr repeat signal indication bits For Mhack:		
	16:19	T1 – Timeout period for on-hold	
	For MHclrd:		
	16:19	0101 Cleardown due to incoming call 0110 Cleardown due to outgoing call 1010 Cleardown due to other reason	
	<u>For Mhnack:</u>		
	<u>16:19</u>	<u>0101 Modem on Hold denied. Subsequent requests will be denied until current modem session terminates.</u> <u>0111 Modem on Hold denied. Try again later.</u>	
20:35	CRC		
36:39	Fill bits: 1111		

NOTE 1 - Bit combinations not defined in bits 12 - 15 are reserved for the ITU. MH sequences with undefined bit combinations should be ignored.

NOTE 2 - Bit combinations not defined in bits 16 - 19 for MHclrd <u>and Mhnack</u> are reserved for the ITU and should not be interpreted by the receiving modem.

FIG. 4